



Recombinant Human Proenkephalin-A (PENK)

Product Code	CSB-EP017781HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P01210
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	ECSQDC ATCSYRLVRP ADINFLACVM ECEGKLPSLK IWETCKELLQ LSKPELPQDG TSTLRENSKP EESHLLA
Source	E.coli
Target Names	PENK
Protein Names	Recommended name: Proenkephalin-A Cleaved into the following 8 chains: 1. Synenkephalin 2. Met-enkephalin Alternative name(s): Opioid growth factor Short name= OGF PENK(114-133) PENK(143-183) Met-enkephalin-Arg-Gly-Leu
Expression Region	25-97
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Cytoplasmic domain
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.